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PATENT NUMBER and  
ISSUE DATE

U.S. UTILITY Patent Application

|  |                           |              |                                  |                     |               |
|--|---------------------------|--------------|----------------------------------|---------------------|---------------|
| APP. NUM<br>10020207   | FILING DATE<br>12/18/2001 | CLASS<br>257 | SUBCLASS<br>730                  | GAU<br>2822<br>2822 | EXAMINER<br>5 |
| APPLICANTS: Khan Reza-Ur, Zhong Cheng;   |                           |              |                                  |                     |               |
| CONTINUING DATA VERIFIED:  |                           |              |                                  |                     |               |
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| FOREIGN APPLICATIONS VERIFIED:   |                           |              |                                  |                     |               |
| DO NOT PUBLISH <input type="checkbox"/>  |                           |              | RESCIND <input type="checkbox"/> |                     |               |
| Foreign priority claimed: <input type="checkbox"/> yes <input type="checkbox"/> no |                           |              | ATTORNEY DOCKET NO               |                     |               |
| U.S. 119 conditions met: <input type="checkbox"/> yes <input type="checkbox"/> no  |                           |              | 1875.1640000                     |                     |               |
| Verify and Acknowledged Examiners's initials                                       |                           |              |                                  |                     |               |
| TITLE: Ball grid array package substrates and method of making the same            |                           |              |                                  |                     |               |
| U.S. DEPT. OF COM. / PAT. & TM-PTO-4331 (Rev. 12-94)                               |                           |              |                                  |                     |               |

|   |           |                      |                      |
|---|-----------|----------------------|----------------------|
| NOTICE OF ALLOWANCE MAILED  |           | CLAIMS ALLOWED       |                      |
|   |           | Total Claims         | Print Claim for O.G. |
| Assistant Examiner  |           |                      |                      |
| ISSUE FEE   |           | DRAWING              |                      |
| Amount Due  | Date Paid | Sheets Drawg.        | Figs. Drawg.         |
|   |           | Print Fig.           |                      |
| Primary Examiner  |           | Application Examiner |                      |
| <input type="checkbox"/> TERMINAL<br>DISCLAIMER   |           | PREPARED FOR ISSUE   |                      |
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